

RECOTON
2950 LAKE EMMA ROAD
LAKE MARY, FLORIDA 32746

For Customer Service call: (407) 333-8900
 Emergency Telephone: (407) 333-8900

REALISTIC 42-127 CD RESTORER KIT (9205)

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HMIS: 1-3-0

NFPA: 1-3-0

Data Sheet: 01008
 Prepared: 11/26/93
 Supersedes: N/A

This Material Safety Data Sheet complies with OSHA Hazard Communication Standard 29 CFR 1910.1200.

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

If IARC, NTP, ACGIH and OSHA carcinogens are present in this material in concentration $\geq 0.1\%$, they are identified in this section with an asterisk (*).

<u>Ingredient(s)</u>	<u>Exposure Limits</u>	<u>Percent</u>	<u>Note</u>
Isopropyl Alcohol CAS #: 67-63-0	PEL-TWA 400 ppm ACGIH-TWA 400 ppm	40-60 %	OSHA/ACGIH STEL is 500 ppm. NIOSH recommends 400 ppm 8-hour TWA. NIOSH recommends 800 ppm ceiling limit.
Water CAS #: 7732-18-5	Not Applicable	>40%	

SECTION 3: HAZARDS IDENTIFICATION

Permissible Exposure Limits: Not established for this product. See section 2 for component PELs and TLVs.

Effects of Acute Overexposure:

Eyes: Exposure to liquid or vapor causes eye irritation. Symptoms may include: stinging, tearing and redness.

Skin: Exposure may cause mild skin irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, drying and cracking, and skin burns.

Breathing: Exposures to vapor or mist is possible under certain conditions of handling and use. Breathing small amounts during normal handling and use is not likely to cause harmful health effects; breathing large amounts may be harmful. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits. Symptoms of exposure may include: irritation of the nose, throat, respiratory tract; Central Nervous System (CNS) depression including dizziness, drowsiness, weakness, fatigue, poor coordination, nausea, headache, confusion, unconsciousness, etc.; low blood pressure; low core body temperature; coma; and death.

Swallowing: Swallowing small amounts incidental to normal handling is not likely to cause an adverse health effects. Symptoms of exposure include: gastrointestinal irritation, CNS depression including dizziness, drowsiness, weakness, fatigue, poor coordination, nausea, headache, confusion, unconsciousness, etc.; respiratory depression; low blood pressure; low core body temperature; kidney damage; coma; and death.

Primary Route(s) of Entry: Eye contact, skin contact, skin absorption, and inhalation.

Effects of Chronic Overexposure: Mild, reversible liver effects and fetotoxicity at maternally toxic doses only.

Medical Conditions Aggravated by Exposure: Skin contact may aggravate existing dermatitis or other significant skin conditions. Inhalation may adversely affect existing respiratory conditions.

SECTION 4: FIRST AID MEASURES

Eyes: If symptoms develop, move individual away from exposure and into fresh air. Flush eyes with water for 15 minutes while holding eye lids apart. If symptoms persist, seek medical attention.

Skin: Remove contaminated clothing and launder clothing before re-use. Wash exposed area with large amounts of soap and water. If symptoms persist, seek medical attention.

Breathing: If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen; keep person warm and quiet; and seek medical attention.

Swallowing: If swallowed, seek medical attention. Induce vomiting, if individual is conscious and alert. If individual is alert, induce vomiting by giving syrup of ipecac or gently placing two fingers at the back of the throat. If individual is drowsy or unconscious, place on the left side with the head facing down. Do not give anything by mouth to an individual that is unconscious or not alert. If possible, do not leave exposed individual unattended.

SECTION 5: FIRE FIGHTING MEASURES**Flash Point:** 76° F by TCC (component)**Explosive Limit:** LEL 2.0% UEL 12.0% (by component)**Extinguishing Media:** alcohol foam, carbon dioxide or dry chemical.**Hazardous Decomposition Products:** May form toxic materials including, but not limited to, the following: carbon dioxide and carbon monoxide.**Fire Fighting Procedures:** Wear self contained breathing apparatus with a full face piece operated in the positive pressure demand mode when fighting fires. Water may not be effective for fire fighting. However, water may be used to keep fire-exposed containers cool until fire is extinguished.**Special Fire and Explosion Hazards:** Material is volatile. Never use welding or cutting torch on or near containers/drums because the product or residue can ignite explosively. All five gallon pails and large metal containers and vessels should be grounded and/or bonded when material is transferred. Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, lighted cigarettes, electric motors, static charge, etc. at locations distant from the material handling point.**SECTION 6: ACCIDENTAL RELEASE MEASURES****Small Spill:** Eliminate all sources of ignition such as flares, flames, pilot lights, and electrical sparks. Absorb liquid on vermiculite, floor absorbent, or other absorbent material.**Large Spill:** Only personnel trained in spill clean-up under 29 CFR 1910.120 should be involved with spill clean-up procedures. Persons not wearing protective equipment should be excluded from the area until clean-up is complete. Eliminate all ignition sources. Prevent spilled material from entering drains, sewers, streams or other bodies of water. Control run-off and notify proper authorities, if necessary. Pump spilled material to containers for recovery. Transfer contaminated absorbent, soil and other materials to containers for disposal. Dispose of spilled material according to local, state, and federal regulations.**SECTION 7: HANDLING AND STORAGE**

Keep containers closed until ready for use. Loosen caps/lids carefully to prevent spill and/or splash. Do not transfer to unmarked containers. Store in areas where temperatures remain verily constant. Keep away from temperature extremes

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION**Respiratory Protection:** Not required under normal conditions of use; however, if sprayed or used in confined areas, a NIOSH/MSHA approved respirator may be advised in the absence of proper environmental control. When respirators are used, all requirements listed in 29 CFR 1910.134 must be met. Contact your local safety equipment supplier to identify the appropriate respirator for your intended uses. Engineering and/or administrative controls should be implemented to reduce exposures.**Ventilation:** Provide sufficient mechanical ventilation (general and/or local exhaust) to maintain exposures below the recommended exposure limits.**Protective Gloves:** Wear chemical resistant gloves such as neoprene and rubber. Contact your safety equipment supplier.**Eye Protection:** Chemical splash goggles and a face shield to prevent splash, in compliance with OSHA regulations, is advised.**Other Protective Equipment:** To prevent repeated or prolonged skin contact, wear impervious clothing and boots.**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<u>Property</u>	<u>Measurement</u>	<u>Property</u>	<u>Measurement</u>
Boiling Point	180°F @ 760mmHg (component)	Specific Gravity	0.789 @ 60°F (component)
Vapor Pressure	33.0 mmHg @ 77°F (component)	Percent Volatiles	>99%
Vapor Density	2.07 (Air = 1)	Evaporation Rate	Slower than ether
Solubility In Water	Soluble	Appearance	Clear liquid
pH	Not applicable		

SECTION 10: STABILITY AND REACTIVITY

Hazardous Polymerization: Can not occur.

Stability: Stable.

Incompatibility: Avoid contact with strong oxidizers, acetaldehyde, ethylene oxide, acids, and isocyanates. Do not mix with any other products.

SECTION 11: TOXICOLOGICAL INFORMATION

No data available at this time.

SECTION 12: ECOLOGICAL INFORMATION

No data available at this time.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with all Local, State, and Federal Regulations.

SECTION 14: TRANSPORTATION INFORMATION

DOT Hazard Classification: Flammable Liquid

SECTION 15: REGULATORY INFORMATION

SARA Title III, Section 313 Chemicals: None known.

SARA Title III, Section 312 Information: Health immediate (Yes) delayed (Yes) Fire (Yes) Reactivity (No)

Proposition 65: No

TSCA 12B: Yes - Isopropanol (CAS# 67-63-0). If this product is to be exported, it is subject to the export notification requirements of TSCA 12(b) (40 CFR Part 707 Subpart D).

SECTION 16: OTHER INFORMATION

Containers used to transport and store this material may be hazardous when emptied. Residue (Vapor, Liquid, and/or Solid) may be present in the emptied container. All hazard precautionary measures should be followed.

The information accumulated and reflected in this Material Safety Data Sheet is believed to be accurate but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

--- End of MSDS ---

MATERIAL SAFETY DATA SHEET

NOVUS
PLASTIC POLISH

NOVUS Inc.

10425 Hampshire Avenue South

Minneapolis, MN 55438

Emergency phone # (612) 944-8000

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT NAME(S):

NOVUS Plastic Polish No. 2

NOVUS LD.

NUMBER: 7011

CHEMICAL NAME:

NA

PRODUCT USE:

Clean and restore plastic surfaces.

SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT	% BY WEIGHT	CAS #	EXPOSURE LIMITS	LD50 (SPECIES & ROUTE)	LC50 (SPECIES)
Odorless Mineral Spirits	7-13	68551-17-7	400 ppm (5)	NE	NE
Silica, Amorphous, Diatomaceous Earth	3-7	68855-54-9	.05 mg/kg (2)	NE	NE
Morpholine	1-5	110-91-8	20 ppm (1,2) 30 ppm (3,4)	Rat: 1050 mg/kg Rabbit, skin: 500 mg/kg	Rat: 12,000 ppm/8hr
Oleic Acid	1-5	112-80-1	NE	Rat: 20 ml/kg	NE

NOTES: (1) - ACGIH TLV (TWA) (2) - OSHA PEL (TWA) (3) - ACGIH STEL (4) - OSHA STEL (5) - MFR/SUPPLIER TLV
LD 50 VALUES ARE VIA ORAL ROUTE UNLESS OTHERWISE INDICATED
** TOXIC CHEMICAL REPORTABLE PER SECTION 313, TITLE III SARA AND 40 CFR 372.

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE: Liquid	APPEARANCE: Tan opaque liquid	ODOR: Slight solvent odor
VAPOR PRESSURE (mmHg) < 75	% VOLATILE: 76	VAPOR DENSITY (AIR = 1): NE
EVAPORATION RATE (BUC = 1): < 1	BOILING POINT (°C): 80	FREEZING POINT (°C): NE
PH: NE	DENSITY (GRAM/L): 1.01	SOLUBILITY IN WATER: Appreciable

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY IF YES, UNDER YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> WHICH CONDITIONS: Combustible - Keep away from heat, open flame, and other sources of ignition.	
EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, or Foam.	
SPECIAL FIRE FIGHTING PROCEDURES: Use water spray or fog to cool fire exposed containers.	
FLASH POINT (PMCC) deg F: 199	UPPER FLAMMABILITY LIMIT: NE (% BY VOLUME)
AUTOIGNITION TEMPERATURE (°C): NE	LOWER FLAMMABILITY LIMIT: NE (% BY VOLUME)
HAZARDOUS COMBUSTION PRODUCTS: Carbon Dioxide, Carbon Monoxide	
EXPLOSION SENSITIVITY TO IMPACT: NE	SENSITIVITY TO STATIC DISCHARGE: No

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY: IF NO, UNDER YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> WHICH CONDITIONS:	
INCOMPATIBILITY WITH OTHER SUBSTANCES: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF SO, WHICH ONES? Strong Oxidizers	
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide.	

PRODUCT NAME(S): NOVUS Plastic Polish No. 2

SECTION 6 - TOXICOLOGICAL PROPERTIESROUTE OF ENTRY: SKIN CONTACT ☒ SKIN ABSORPTION ☒ EYE CONTACT ☒ INHALATION ☒ INGESTION ☒

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: May cause respiratory irritation. Exposure to high concentrations may cause headache, dizziness, and nausea. Eye contact may cause burning and irritation. Skin contact is a possible route of entry.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: Prolonged or repeated skin contact may lead to drying, irritation, and dermatitis.

EXPOSURE LIMITS: See section 2	IRRITANCY OF PRODUCT: Mild: Eyes, skin, and respiratory	SENSITIZATION TO PRODUCT: NE	CARCINOGENICITY: NE
TERATOGENICITY: NE	REPRODUCTIVE TOXICITY: NE	MUTAGENICITY: NE	SYNERGISTIC PRODUCTS: NE

SECTION 7 - PREVENTIVE MEASURES**PERSONAL PROTECTIVE EQUIPMENT**

CLOTHING (SPECIFY): Wear chemical resistant gloves and clothing as needed to prevent skin contact.

RESPIRATORY (SPECIFY): Not normally required. If TLV or PEL is exceeded, wear a NIOSH approved respirator for organic vapors.

EYE (SPECIFY): Wear chemical safety goggles.

OTHER (SPECIFY): If possible, eye wash and safety shower should be available.

ENGINEERING CONTROLS (SPECIFY): Local exhaust may be necessary under some usage/handling conditions. Specific needs should be addressed by health/safety personnel.

LEAK/SPILL PROCEDURE: Wear personal protective equipment. Remove heat and ignition sources, ventilate area, clean up with inert absorbent.

WASTE DISPOSAL: Waste may be burned in an approved incinerator or disposed of according to local, state, provincial, and federal regulations.

HANDLING PROCEDURES/EQUIPMENT AND STORAGE REQUIREMENTS: Combustible liquid. Store in closed container in cool, well ventilated area.

SPECIAL SHIPPING INFORMATION:

TDG - Combustible liquid, n.o.s. NA 1993

WHIMS - Combustible liquid, Class B, Div. 3

SECTION 8 - FIRST AID MEASURES

SYMPTOMS/EFFECTS OF OVEREXPOSURE: Respiratory irritation. High concentrations may cause headache, dizziness, and nausea. Repeated or prolonged exposure may lead to skin irritation and dermatitis. Eye contact may be irritating and may cause damage.

EYES: Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open. Get prompt medical attention.

SKIN: Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists.

INHALATION: Move victim to fresh air and treat symptomatically. Seek medical attention if irritation persists.

INGESTION: Contact local poison control center or physician IMMEDIATELY!

SECTION 9 - MSDS PREPARATION INFORMATION

THIS MATERIAL SAFETY DATA SHEET IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTENT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.

PREPARED BY: NOVUS Inc. CHEMISTRY DEPARTMENT

DATE:

8-3-93